PATENT Case No. 19907YIA

## IN THE UNI. D STATES PATENT AND TR. DEMARK OFFICE DECLARATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

As a b	elow-named	invent	tor, I hereby de	clare that I believe	I am:	,			
the origin	nal, first and s	ole in	ventor; or					•	
an origin	al, first and jo	oint in	ventor along w	ith the other inven	tors listed belov	v, of the subject	matter which	h is	
claimed and fo	r which a pat	tent is	sought on the	invention entitled	i				
	•		FORMULATIO						
the specification	on of which		is attached h	ereto;		<del></del>			_
		$\boxtimes$	was filed on	July 9, 1998		as Application			
			Serial No.	09/112,655	_	and was amen	ded		
			through			( if applicable).	300		
			tinough			(паррпоавіс).	•	-	
l here	by state that	I have	e reviewed and	understand the o	ontents of the a	bove-identified	specification	ı, including	
the claims, as a	amended as	indica	ted above.						
l ackn	owledge the	duty to	o disclose to th	e Patent and Trad	emark Office all	information kno	wn to me to	be material	
to the patentab	oility of this ap	oplica	tion in accorda	ince with Title 37,	Code of Federa	al Regulations,	§1.56.	•	
				Foreign P	-				
•		•	•	nder Title 35, Unite			, ,		s
or patent or inv	entors certifi	cate I	isted below an	d have also identi	itied below any	ioreign applicat	ion for paten	it or	
nventor's certific	cate for the s	ame i	invention havin	ng a filing date bef	ore that of the a	pplication on w	hich priority	is claimed:	
			Prior For	eign Application	on(s)		Priority C	laimed	
				<u> </u>	T				
Country	Nui	mber		Date Filed	Attorney	Docket	Yes	No No	
	T								
Country	Nin	mher		Date Fill d	Attorn v	Docket	<b>□</b>	L_I No	

## Prior United States Filing

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

60/038,194	February 14, 1997	19907PV	
Appln. Ser. No.	Filing Date	Attorney Docket	
09/023,834	February 13, 1998	19907Y	
Appln. Ser. No.	Filing Date	Attorney Docket	
Appin. Ser. No.	Filing Date	Attorney Docket	
Appin, Ser. No.	Filing Date	Attorney Docket	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appin. Ser. No.	Filing Date	Status	Attorney Docket
Appin. Ser. No.	Filing Date	Status	Attorney Docket

And I hereby appoint J. MARK HAND	JACK L. TRIBBLE	
Reg. No36,545	Reg. No. 32,633	Reg. No.
respectively and individually, as	s my attorneys or agents with full power	of substitution and revocation, to prosecute this
application and to transact all be	usiness in the Patent and Trademark Of	fice connected therewith. Please address all
communications to:		

J. MARK HAND
Patent Department
Merck & Co., Inc.
P.O. Box 2000
Rahway, NJ 07065-0907

Telephone No. (732) 594- 3905

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or joint inventor	DAVID B. VOLKIN	Full name of joint inventor	ROBERT K. EVANS
Inventor's Signature	Jul B. Foli	Inventor's Signature	Robert - work.
Date	15 September 1998	Date	15 Sept 98
Residence	DOYLESTOWN, PA 18901	Residence	SOUDERTOWN, PA 18964
Citizenship	U.S.	Citizenship	U.S.
Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065	Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065
Full name of joint inventor	JEFFREY B. ULMER	Full name of joint inventor	MICHAEL J. CAULFIELD
Inventor's Signature		Inventor's Signature	mi ) Cans
Date		Date	15-Sept. 98
Residence	CHALFONT, PA 18914	Residence	NORTH WALES, PA 19454
Citizenship	CANADA	Citizenship	U.S.
Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065	Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065

PATENT Case No. 19907YIA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

As a below	v-named inven	tor, I hereby de	clare that I believe	lam:			
the original, fi	irst and sole in	ventor; or					
an original, fi	rst and joint in	ventor along w	ith the other invent	ors listed below, of the subjec	at matter whic	:h is	
claimed and for wh	ich a patent is	s sought on the	e invention entitled				
POLYNUCLEOTIC	•	•					
,							
the specification of	f which	is attached h	ereto;	•			
		was filed on	July 9, 1998	as Application	1		
,	E.S		09/112,655				
		Serial No.	09/112,033	and was ame			
		through		( if applicable)	•		
I hereby s	tate that I hav	e reviewed and	d understand the co	ontents of the above-identified	d specification	n, including	
the claims, as ame	nded as indica	ated above.					
I acknowle	edae the duty t	o disclose to th	e Patent and Trade	emark Office all information kr	own to me to	be material	
						DO Matorial	
to the paternability	of this applica	tion in accorda	ance with Title 37,	Code of Federal Regulations	., g1.56.		
			Foreign Pr	iority	•		
I hereby cla	im foreign pric	ority benefits ur	nder Title 35, Unite	d States Code, §119 (a)-(d)	of any foreigi	n application(	(s)
or patent or invento	r's certificate	listed below an	nd have also identif	ied below any foreign applica	ation for pate	nt or	
nventor's certificate	for the same	invention havir	ng a filing date befo	ore that of the application on	which priority	is claimed:	
		Prior Foi	reign Applicatio	on(s)	Priority (	Slaimed	
				_			
Country	Number		Date Filed	Attorney Docket	Yes	No	
Country	Number		Dat Filed	Attorn v Dock t	7 Vac	No	

## **Prior United States Filing**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

60/038,194	February 14, 1997	19907PV
Appln. Ser. No.	Filing Date	Attorney Docket
09/023,834	February 13, 1998	19907Y
Appln. Ser. No.	Filing Date	Attorney Docket
Appln. Ser. No.	Filing Date	Attorney Docket
Appln. Ser. No.	Filing Date	Attorney Docket

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appin. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket
Appln. Ser. No.	Filing Date	Status	Attorney Docket

And I hereby appoint		
J. MARK HAND	JACK L. TRIBBLE	
Reg. No. 36,545	Reg. No. 32,633	Reg. No.
respectively and individually,	as my attorneys or agents with full power of	substitution and revocation, to prosecute this
application and to transact all	business in the Patent and Trademark Office	e connected therewith. Please address all
communications to:		

J. MARK HAND
Patent Department
Merck & Co., Inc.
P.O. Box 2000
Rahway, NJ 07065-0907

Telephone No. (732) 594- 3905

1

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or joint inventor	DAVID B. VOLKIN	Full name of joint inventor	ROBERT K. EVANS
Inventor's Signature		Inventor's Signature	·
Date		Date	
Residence	DOYLESTOWN, PA 18901	Residence	SOUDERTOWN, PA 18964
Citizenship	U.S.	Citizenship	U.S.
Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065	Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065
			_
Full name of joint inventor	JEFFREY B. ULMER	Full name of joint inventor	MICHAEL J. CAULFIELD
Inventor's Signature	Shy B. W	Inventor's Signature	
Date	9/23/98	Date	
Residence	DANVILLE, CA 94506	Residence	NORTH WALES, PA 19454
Citizenship	CANADA	: Citizenship	U.S.
Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065	Post Office Address (if different from above)	MERCK & CO., INC. P O BOX 2000 RAHWAY, NEW JERSEY 07065